

Amendments to Claims

We claim:

1. (amended) A process for improving processability of mono- and multi-layer polymer shrink-films, comprising  
adding a photoinitiator to a polymeric composition of which said monolayer film or at least one layer of said multilayer film is made, wherein said polymeric composition does not include polymer cross-linking enhancers,  
extruding said composition,  
illuminating said extruded composition with ultraviolet radiation, to induce cross-linking within said layer or layers of the film, the amount of said photoinitiator and the intensity and duration of said illumination being such as to provide a gel content below 10%, and  
submitting said composition to an orientation treatment.
2. (amended) A process according to claim 1, wherein the orientation treatment is performed using a ~~the~~ double-bubble technique.
3. (amended) A process according to claim 1, wherein the polymeric composition is selected ~~in~~ from the group consisting of polyethylene, ethylene copolymers, and ~~their~~ mixtures thereof.
4. (amended) A process according to claim 3, wherein the ethylene copolymers are selected ~~in~~ from the group consisting of LLDPE, LDPE, m-LLDPE, EVA, EBA, ULDPE, and ~~their~~ mixtures thereof.

5. (amended) A process according to claim 1, wherein the amount of photoinitiator is up to 1 weight percent of the composition ~~to which it is added~~.
6. (Amended) A process according to claim 1 ~~any one of the preceding claims~~, wherein the film to be produced is a monolayer film.
7. (Amended) A process according to claim 1 ~~any one of the preceding claims~~, wherein the film is a multilayer film.
8. (original) A process according to claim 7, wherein no photoinitiator is added to one or more of the layers.
9. (original) A process according to claim 1, wherein the cross-linked material of one layer is chosen such that it provides strength and impermeability to the film.
10. (amended) A process according to claim 9, wherein the cross-linked material(s) of one or more external layer(s) are chosen such that ~~they~~ the cross-linked material(s) provide sealability to the film.
11. (amended) A process according to claim 1, wherein the orientation treatment is performed using ~~the~~ a tenter technique.
12. (amended) A monolayer shrink-film<sub>7</sub> which does not include polymer cross-linking enhancers and is cross-linked to the extent that ~~it~~ film comprises a gel content below 10%.

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13. (amended) A multilayer shrink-film, which does not include polymer cross-linking enhancers, ~~in which~~ having some of the layers of the multilayer shrink-film ~~some of the layers are~~ cross-linked to the extent that ~~they~~ the cross-linked layers comprise a gel content below 10%, and ~~others~~ other layers of the multilayer shrink-film are not cross-linked.